NHDOT SPR2 PROGRAM RESEARCH PROGRESS REPORT

INSTRUCTIONS:

Project Managers and/or research project investigators should complete a progress report at least every three months during the project duration. Reports are due the 5th of the month following the end of the quarter. Please provide a project update even if no work was done during this reporting period.

	o work was done during	,
Project # 26962S Project Title:		Report Period Year 2018
		X Q1 (Jan-Mar) □Q2 (Apr-Jun) □Q3 (Jul-Sep) □Q4 (Oct-Dec)
	e load levels on reinforce	ed asphalt pavement
Project Investigator: L Phone: 603-646-4503	ynette Barna	E-mail: Lynette.A.Barna@usace.army.mil
Project Start Date: 03 January 2017 ^a 30 November 2016	Project End Date: 03 January 2018	Project schedule status:
		\Box On schedule \Box Ahead of schedule \boxtimes Behind schedule Check appropriate box
a. Project start date po	er Cooperative Researc	th and Development Agreement (CRADA)
Brief Project Descriptio	n:	
fatigue cracking and extendesign. Data collected dur layer will be analyzed to de Falling Weight Deflectome	nd the service life. Coefficing the fall of 2014 from intermine coefficient valueter [FWD] and Lightweiglection measurements at	everal flexible roadways throughout the state in an effort to address cient values for fiberglass reinforced asphalt pavement are needed for impulse load testing at three test sections representing the thin asphalt es for design. The field data was collected on NH Route 101 using the Deflectometer [LWD] pavement testing equipment. The data analysis the lower load levels and the LWD data to determine the possible
Progress this Quarter (i	include meetings, instal	lations, equipment purchases, significant progress, etc.):
Finalizing the sumPresented study fi	mary document and delivings to TAG.	very to sponsor.
Items needed from NHI	OOT (i.e., Concurrence,	Sub-contract, Assignments, Samples, Testing, etc):

Anticipated research next three (3) months:

NTR

Research completed. Technical review of project summary document.

Circumstances affecting project:

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Tasks (from Work Plan) add lines to table as needed	Planned % Complete	Actual % Complete
4 th Quarter (Oct-Dec 2016)		
No tasking		
Project Requirements 1 st Quarter (Jan-Mar)	100	100
Project work acceptance documents and project setup		
Task 1a 1 st Quarter (Jan-Mar)	100	100%
Prepare the FWD data at 6, 9, and 12 kip load levels, for back-		
calculation.		
Task 1b 2 nd Quarter (Apr-Jun)	100	100
Prepare the LWD data at 6, 8, 9, and 12 kip load levels, for back-		
calculation		
Task 2 3 rd Quarter (Jul-Sep)	100	100
Conduct back-calculation on FWD and LWD data		
Task 2 4 th Quarter (Oct-Dec)	100	25
Determine asphalt layer stresses and strains		
Prepare technical summary		
Task 2 1 st Quarter (Jan-Mar)	100	99
Determine asphalt layer stresses and strains		
Prepare technical summary		